

Innovex AEC Enhancer

Technical Data Sheet

Reagent Category

Innovex AEC Enhancing Solution for Solution Darkening of AEC Stains

Product # NB319 (15 ml), 200-250 slides

Specific Reagents Supplied

15 ml of AEC Enhancer

INTRODUCTION

AEC is a chromogenic substance that is used in immunoperoxidase staining of tissues and cell preparations in immunohistochemical procedures. AEC chromogen in the presence of peroxidase enzyme and its substrate hydrogen peroxide forms a rust-red colored stain that serves as an indicator of the site of the target antigen in tissue or cell smears. Darker AEC stain is often desired for better contrasted microscopic viewing. **Innovex AEC Enhancer** is a reagent developed as a quick and simple way of darkening AEC stains without background.

PRODUCT DESCRIPTION

Innovex AEC Enhancer is an enhancing agent for the AEC stain. The rust-red colored AEC chromogen is widely used in immunoperoxidase staining of tissue sections or cell smear preparations for visualization of target antigens in enzyme immunohistochemical staining. **Innovex AEC Enhancer** is a stain darkening and amplifying reagent for AEC stains. **Innovex AEC Enhancer produces best results when applied before counterstaining with Hematoxylin and other counterstains.**

APPLICATION/ INTENDED USE

This product is intended for darkening and amplifying AEC substrate/chromogen employed in immunoperoxidase staining of tissue sections and cytosmears **for microscopic examination.**

PRODUCT FORMAT

Working solution, **no** dilution or adjustments required; **Do Not Dilute.**

STORAGE CONDITIONS

Store in refrigerator at 2-8°C through the expiration date on the vial label.

INSTRUCTIONS

Following the completion of the incubation step with AEC **substrate/chromogen (the last step in immunoperoxidase staining procedure) and its subsequent water rinse**, proceed as below:

For horizontal processing (manual staining of individual slides)

1. Add 2 to 5 drops of AEC to cover the tissue section or the cell smear.
2. Incubate at room temperature for 10 minutes.
3. Rinse with water, counterstain and mount.

AEC Enhancer can also be used in autostainers